

Insulin Aid - Increasing Insulin Intake Sensitivity

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Status:

Seeking R&D and/or
licensing partner

Patent Pending

Inventor:

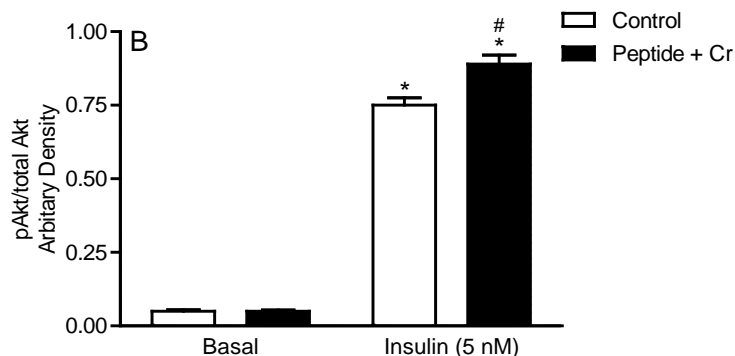
Dr. John Vincent
Professor
Chemistry

Bioactive Chromium Binding Peptide

- The element chromium (Cr) can act as a pharmaceutical agent at high doses although it is not an essential trace element.
- Invention is a novel low molecular weight peptide that binds with chromium.
- This peptide bound with chromium interacts with other biomolecules, such as insulin receptor, to increase insulin sensitivity
- Potential to treat symptoms of conditions related to improper lipid and carbohydrate metabolism

Advantages

- Ability to co-inject peptide with insulin to increase insulin sensitivity
- Could lead to use of less insulin being required to generate desired effects
- Possible reduction of side effects associated with insulin injections
- Peptide can be readily synthesized on a peptide synthesizer and doesn't require all the extra techniques to chemically synthesize insulin.



Insulin levels are increased with the help of the chromium binding peptide

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